Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

ALPHABETICAL INDEX

PAGE

Answer to Query, - - - - - 179
Announcement, - - - - - 192
Adcock, R. J., - - - 20, 181, 183
Barbour, Prof. L. G., - - - 114, 169
Classification of Plane Curves, - 42
Curve of Logarithmic Sines, - - 114
Chase, Prof. P. E., - - 147
Determination of the Locus of O, - 47
Demonst. of Prop. XXV, Book I. Eucl., 122
Demonst. of the impossibility of Resolving Algebraically General Equations of a Degree Higher than the Fourth, 65
Demonstration of a Proposition, - 71
De Forest, E. L., - - - - 79, 107
Errata, - - - - - 32, 64, 160, 192
Empirical Formula for the Volume of Atmospheric Air, - - - 98
Evolute to Curve of Logarithmic Sines, 169
Evans Alexander, - - 66, 76, 148
Eastwood, George, - - - 77
Force of Gravity in any Latitude, - 20
Goudy, W. E. K., - - - - - 20
Hall, Professor A., - - 36, 55, 146
Hill, G. W., - - - - - 87, 97
Heal, W. E., - - - - - 86, 122
Integration of Five Differential Forms, 175
Johnson, Professor W. W., 1, 42, 143, 177
Kummell, Chas. H., - - 117, 182
Ladd, Christine, - - - 47, 172
Merriman, Professor Mansfield, 24, 140
Meech, Levi W., - - - 129, 161
Martin, Artemas, - - - - - 175
Mc. Adam, Professor D. J., . 179
Notices of Publicat's Rec'd, 32, 96, 127, 191
Note, ... 120, 148, 196
Note on a Logarithmic Series, . 88
Notes on the History of the Method of Least Squares, ... 140
Note on Evaluation of Indeterminate Forms, ... 177

PAGE

Note on Attraction, . . . 181
Note on the Method of Least Squares, 183
Note by the Editor, . . . 190
Note by Artemas Martin, . . 48
Nelson, Dr. A. B., . . . 9, 49
On the History of the Method of Least Squares, ... 33
On the Rotation of Saturn, . . 36
On Adjustment Formulas, . 79, 107
Problem 132, ... 55
Problems, 31, 63, 95, 129, 158, 191
Pedal Curves, ... 143
Pratt, Prof. Orson, Sen., . . 55
Quaternions, ... 172
Query, . . . 48, 64, 122, 176
Remarks by Prof. Pratt, . . 55
Recent Mathematical Publications, 87
Singular Solution of Differential Equations of the First Degree, . 1
Some Trigonometrical Series, . . 4
Solution of the General Equation of the Fifth Degree, . . 9, 49
Solution of the Six Original Problems in No. 6, Vol. III., . . . 15
Solution of a Problem, . 20, 73
Solution of Prob's, 21, 57, 98, 123, 149, 184
Solution of Problem 155, . . 117
Short Method of Elliptic Functions, 129
Change from Alg. to Elliptic Funct's, 130
Con'n with the Spherical Triangle, 132
Increasing Scales of Moduli, . 135
Decreasing Scales of Moduli, . . 136
Integration by Series, . . 162
Inverse Method of Integration, . 166
Special Notice, ... 159
The Rotation of Saturn, . . 76
Taylor's Theorem and its Limits, . 137
The Diff'l Eq'ns of Problem 165, 147
Twelve Original Problems, . . 147
Whitcom, Dr. A. W., . . . 137